

at

Marshall











- Recently Began Construction
- Planned LEED Silver



- Recently Began Design
- Planned LEED Silver



HISTORY

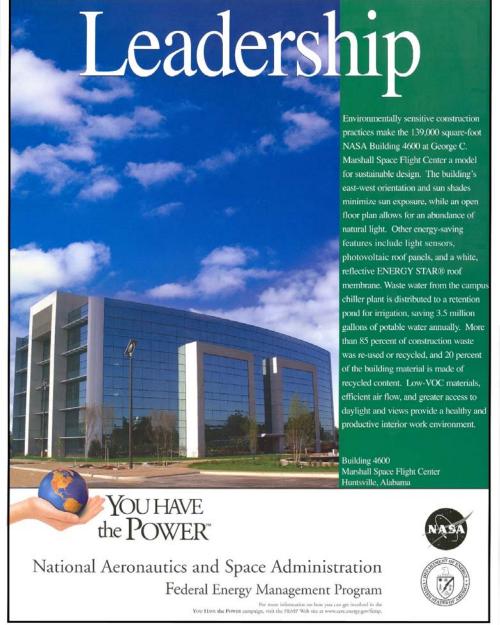
- Planning
- Design
- Construction
- Operations (discussed later)



RESULTS

- Good overall
- Minor problems encountered

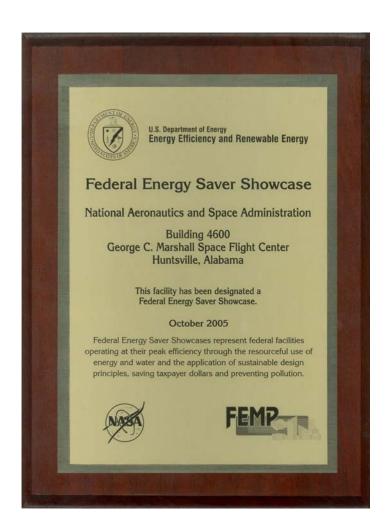






Positive Features

- Federal Energy Showcase
 Award 2005
- LEED Silver Certification February 2006
- Aesthetics Not Compromised
- Positive Feedback From Occupants
- Majority Of Occupants Have An Outside View
- Occupants Basically Satisfied





Positive Features

- Design flexibility For Responsive Comfort Control
- Low Emitting Materials Installed
- Systematic Engineered Air Filtering System
- Optimization Of Energy-Efficiency Throughout
- Over 35KWh provided directly to the grid from solar roof panels
- Operates at 50% of the electrical usage of similar office buildings
- Recycled over 85% of all construction waste
- Meeting Individual Comfort Needs Attained Easier





Problems Encountered

- No listing of replacement materials to maintain operational integrity
- No specified contamination level for replacing furnishings
- Custodial Services required restructuring for Green-Cleaning to avoid added contamination
- Training of maintenance personnel to avoid contamination during cleanup after maintenance repairs
- Little of no known information from professional sources about O&M of LEED buildings (buildings normally operate 40+ years)



Problems From Oversights

- During planning and design building users were not sure of "all" equipment load requirements
- This typically happens in electronic equipment rooms and/or rooms dedicated to computer equipment



Possible Solution OF Oversights

 Design all equipment rooms with the capability of operating individually during non-core hours



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